Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 28 Dec 2023 until 23:59 on Friday 29 Dec 2023

Forecast Issued on Wednesday 27 Dec 2023 at 16:50

Confidence: High confidence for unsettled conditions, lower confidence for detail towards the end of the week.

Headline for Thursday 28 Dec 2023: Gales at all levels. Storm force winds across summits Squally showers.

Mountain weather hazards on Thursday 28 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Medium Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy rain showers (night)	Sleet
Precipitation probability							
70%	60%	90%	60%	70%	40%	40%	30%

Forecast for Thursday 28 Dec 2023

Weather: A windy day with passing, squally showers of rain, hail and chance of sleet across highest summits. Showers heavy and will merge to longer spells of rain. Brief brighter spells with some clear spells through Thursday evening. Feeling colder than recently.

Chance of cloud-free hill tops above 600m: 60%. .

Low Cloud and visibility: Broken to overcast bases around 500m in showers and longer spells of rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 28 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/48 SW	31/45 SW	28/39 SW	29/42 SW	30/43 SW	32/46 SW	30/44 SW	33/49 SW	34/51 SW
300	21/44 SW	19/41 SW	17/35 SW	19/39 SW	19/40 SW	21/42 SW	19/40 SW	22/45 SW	23/46 SW
Valley	19/43 SW	16/37 SW	14/32 SW	17/36 SW	17/37 SW	18/39 SW	18/40 SW	20/43 SW	21/44 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-5	2/-5	3/-4	4/-3	4/-3	4/-3	3/-4	3/-5	2/-5
300	5/-0	5/-0	6/1	6/1	6/2	6/1	5/1	5/-0	5/-1
Valley	6/2	6/2	7/3	8/4	8/4	7/3	7/3	7/2	6/2
Freezing Level*	900m	1000m	1100m	1100m	1200m	1100m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions will be very hazardous at times, with water courses running higher than normal. Full protection advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 27 Dec 2023	35mm	38.2mm	46.8mm

Forecast for Friday 29 Dec 2023

Weather: A little less windy during Friday with blustery showers, which could be rather heavy with chance of small hail. Showers likely to merge to longer spells of rain with sleet and snow increasingly likely towards summits. Probably cloudy throughout and feeling cold through the day.

Maximum wind: West or SW with gusts reaching around 60mph in the early morning.

Chance of cloud-free hill tops above 600m: 70%.

Low Cloud and visibility: Scattered or broken bases around 600m in showers and longer spells of rain

Temperature: **Valleys:** Plus 7 degrees Celsius becoming plus 4 degrees Celsius later.
At 600m: Plus 1 degrees Celsius becoming minus 2 degrees Celsius in the evening.
Freezing level: 700m becoming 500m late in the day.

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